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PHI BETA KAPPA

ALPHA OF MARYLAND

JOHNS HOPKINS UNIVERSITY

1904

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THE UNITED CHAPTERS
. . OF . .
PHI BETA KAPPA.

Hon John A. DeRemer, LL. D., President, Schenectady, N. Y.

Prof. J. C. Van Benschoten, LL. D., Vice-President, Middletown, Conn.

Rev. Oscar M. Voorhees, Secretary and Treasurer, High Bridge, N. J.

Senators, 1898-1904.

Hon. Joseph H. Choate, LL. D., London, Eng.
Hon. John A. DeRemer, LL. D., Schenectady, N. Y.
Hon. Theodore E. Hancock, LL. D., Syracuse, N. Y.
Prof. Samuel Hart, D. D., Middletown, Conn.
Col. Thomas W. Higginson, LL. D., Cambridge, Mass.
Pres. Seth Low, LL. D., New York City.
Editor Hamilton W. Mabie, L. H. D., New York City.
Prof. Francis A. March, LL. D., Easton, Pa.
Editor Horace E. Scudder, L. H. D., Cambridge, Mass.
Prof. James C. Van Benschoten, LL. D., Middletown, Conn.

Senators, 1901-1907.

Prof. Henry L. Chapman, D. D., Brunswick, Me.
Prof. Edwin Grosvenor, M. A., Amherst, Mass.
Prof. Edward Everett Hale, LL. D., Roxbury, Mass.
Col. William Lamb, LL. D., Norfolk, Va.
Rev. Eben B. Parsons, D. D., Williamstown, Mass.
Pres. Ira Remsen, LL. D., Baltimore, Md.
Pres. Charles F. Thwing, LL. D., Cleveland, O.
Rev. Oscar M. Voorhees, M. A., High Bridge, N. J.
Prof. Adolph Werner, Ph. D., New York City.
Pres. Benjamin Ide Wheeler, LL. D., Berkeley, Cal.

List of Chapters in the Order of their Establishment.

Alpha of Virginia,	William and Mary,	December 5,	1776.
Alpha of Connecticut,	Yale,	April (?),	1781.
Alpha of Massachusetts,	Harvard,	September 5,	1781.
Alpha of New Hampshire,	Dartmouth,	August 20,	1787.
Alpha of New York,	Union,	May 1,	1817.
Alpha of Maine,	Bowdoin,	February 22,	1825.
Alpha of Rhode Island,	Brown,	July 21,	1830.
Alpha of Ohio,	Adelbert,	October 28,	1843.
Beta of Connecticut,	Trinity,	July 2,	1845.
Gamma of Connecticut,	Wesleyan,	July 7,	1845.
Alpha of Vermont,	University of Vt.,	March 7,	1848.
Beta of Massachusetts,	Amherst,	August 9,	1853.
Beta of Ohio,	Kenyon,	June 29,	1858.
Beta of New York,	Univ'sity, City of N. Y.,	December 23,	1858.
Gamma of Ohio,	Marietta,	June 9,	1860.
Gamma of Massachusetts,	Williams,	July 30,	1864.
Gamma of New York,	C'l'ge of the City, N.Y.,	July 24,	1867.
Beta of Vermont,	Middlebury,	August 7,	1868.
Alpha of New Jersey,	Rutgers,	February 22,	1869.
Delta of New York,	Columbia,	April 22,	1869.
Epsilon of New York,	Hamilton,	May 24,	1871.
Zeta of New York,	Hobart,	July 6,	1870.
Eta of New York,	Colgate,	June 12,	1878.
Theta of New York,	Cornell,	May 28,	1882.

The following Chapters were organized under Charters granted by the National Council:

Alpha of Pennsylvania,	Dickinson,	April 13,	1887.
Beta of Pennsylvania,	Lehigh,	April 15,	1887.
Iota of New York,	Rochester,	April 20,	1887.
Alpha of Indiana,	De Pauw,	December 17,	1889.
Alpha of Illinois,	Northwestern,	February 18,	1890.
Alpha of Kansas,	University of Kansas	April 2,	1890.
Gamma of Pennsylvania,	Lafayette,	April 5,	1890.
Delta of Massachusetts,	Tufts,	November 18,	1892.
Alpha of Minnesota,	Univ'sity of M'nesota,	December 13,	1892.
Delta of Pennsylvania,	University of Penna.,	December	1892.
Alpha of Maryland,	Johns Hopkins,	October 10,	1895.
Alpha of Iowa,	University of Iowa,	September 30,	1895.
Alpha of Nebraska,	University of Nebr.,	December 23,	1895.
Beta of Maine,	Colby,	January 3,	1896.
Kappa of New York,	Syracuse,	February 10,	1896.
Epsilon of Pennsylvania,	Swarthmore,	June 9,	1896.
Beta of Indiana,	Wabash,	November 7,	1898.
Alpha of California,	University of Cala.,	December 23,	1898.
Mu of New York,	Vassar,	April 7,	1898.
Zeta of Pennsylvania,	Haverford,	January 20,	1899.
Alpha of Wisconsin,	University of Wis.,	February 2,	1899
Epsilon of Massachusetts,	Boston,	February 8,	1899.
Delta of Ohio,	Cincinnati,	April 11,	1899.
Beta of New Jersey,	Princeton,	June 7,	1899.
Lambda of New York,	St. Lawrence,	June 24,	1899
Beta of Illinois,	Chicago,	July 1,	1899.
Alpha of Tennessee,	Vanderbilt,	November 5,	1901.
Alpha of Missouri,	University of Mo.,	December 5,	1901.
Eta of Pennsylvania,	Allegheny,	February 18,	1902.

History of the Phi Beta Kappa Society.*

THE EARLY DAYS.

The Phi Beta Kappa Society was organized at the College of William and Mary, Williamsburg, Virginia, December 5, 1776. It was a social club and a literary society. One of the rules of procedure was, "that four members be selected to perform at each session, two of whom in matters of argumentation and the others in opposite composition." Hon. Stewart L. Woodford, in his Phi Beta Kappa address at Columbia, 1886, says that the society was probably suggested by the philosophic clubs which were then common among the collegiate students of France and the Continent. For many years there was much uncertainty regarding the moving spirits of the Society at its inception. One noted orator said "Thomas Jefferson organized the Phi Beta Kappa." Another writer said "Phi Beta Kappa would be glad to have Mr. Jefferson's portrait in its hall," but there is not a shadow of a line of evidence to show that he had anything to do with it. These questionings were answered by the early records that were published in the William and Mary College Quarterly Historical Magazine, April, 1896, by its editor, President L. G. Tyler, of the college. The first minute of the records says:—"On Thursday, the 5th of December, in the year of our Lord God one thousand seven hundred and seventy-six, and the first of the Commonwealth, a happy spirit and resolution of attaining the important ends of Society entering the minds of John Heath, Thomas Smith, Richard Booker, Armst'd Smith, and John Jones, and afterwards seconded by others, prevailed, and was accordingly ratified." The record then gives the medal with its Latin and Greek initials and its "index imparting a philosophical design, extended to the three stars, a part of the planetary orb," and the strong oath of initiation, with the society's general rules of procedure. The first rule says:—"That in every design or attempt, whether great or small, we ought to

* The material for this sketch has been taken from the Phi Beta Kappa Hand-Book compiled by Rev. E. B. Parsons.

invoke the Deity." The twenty-five printed pages of the "minutes" are not greatly unlike those of any college literary society of the olden time, with just a trace of the "banquet" in evidence, and no larger element of "politics" than we should expect to find when we remember that Jefferson and the Virginia patriots were assembled at that time in that same village of Williamsburg. These are some of the questions of their "argumentation":—"Whether Brutus was Justifyable in Killing Caesar;" "Whether the Execution of Charles the First was Justifyable;" "The Justice of African Slavery;" "Whether any form of Government is more favorable to public virtue than a Commonwealth." It is evident that the early Phi Beta Kappas felt there was a place for the scholar in politics. It is also clear that those young men began to broaden their views and to desire some kind of union with the students of other parts of the new country. In his delightful essay upon the society as "A Fossil from the Tertiary," in the Atlantic Monthly, July, 1879, that Past Master of Phi Beta Kappa, Dr. Edward Everett Hale, says:—"The early correspondence of Phi Beta Kappa shows that the young men who formed it had just such dreams of union as those fostered by clubs among the educated men of Germany." With this high purpose they responded to the call for other chapters of the society, saying:—"It is repugnant to the liberal principles of Societies that they should be confined to any particular place, Men or Description of Men, but that they should be extended to the wise and virtuous of every degree and of whatever country."

The first stadium of the new society was destined to be brief. On January 3, 1781, the British fleet, "bearing Benedict Arnold and his forces," appeared off the coast, and the members sealed up their records and delivered them into the hands of the college steward until the desirable event of the Society's resurrection." After the war there was no attempt to revive the society at the old college till 1849, when Mr. Short, the last president in 1781, at the advanced age of ninety-two, became "the connecting link with the original society." The society was again broken up by the war of 1861, the records went to the Virginia Historical Society, and on the revival of the chapter in 1895 were returned to the old college.

In the interesting record published by President Tyler are the names and personal sketches of the half hundred members of the first Phi Beta Kappa. They were men who had an active share in the stirring affairs of the Revolution, and in camp and legislative hall performed their part in the contest

for freedom. Nearly all of the fifty were in the Continental army, seventeen were in the state legislature and most of them for several terms; eight were members of the convention which ratified the Federal Constitution, five were members of the national House of Representatives and two of the national Senate. Some of the men became leaders in national affairs; Heath, the first president of the society, was in the legislature when barely twenty-two, and ten years later in Congress; Archibald Stuart, member of both houses, presidential elector and judge, a leading man of the South till his death; Beckley was clerk of the Convention of 1788, as afterwards he was of Congress; Bushrod Washington, the favorite nephew of General Washington, and the inheritor of Mount Vernon, was an associate justice of the United States; Short, the second president of the society, was secretary of legation in France when Jefferson was minister, and afterwards was himself an eminent diplomatist. The names of Cabel and Clements, Fitzhugh and Hardy, Mason and Madison and Lee were well known in Virginia affairs. Perhaps the most widely known member of the original fifty was John Marshall, whose record as lawyer, legislator and Chief Justice is a part of national history.

THE HUNDRED YEARS, 1781—1881.

One of the original fifty members of Phi Beta Kappa, at William and Mary, was Elisha Parmale, a graduate of Harvard in 1779, who for graduate work had probably gone south on account of weak lungs. Upon his return to the North he was authorized to establish chapters of the Society at Harvard and Yale. The former was voted December 4, 1779, and the latter five days afterwards. It appears that Mr. Parmale, because of convenience, instituted the Yale chapter first and then the Harvard chapter, both some time in 1780 or 1781. At first the Alpha of Virginia intended to connect the new chapters closely to itself and to name that at Harvard, Epsilon, and that at Yale, Zeta, the Beta, Gamma, and Delta having already been assigned to Virginia branches which were never started or by the war were quickly ended. But before the charters were issued a more liberal spirit prevailed, and the new chapters were called the Alpha of Massachusetts Bay and the Alpha of Connecticut.

Under the privileges granted by the parent society each Alpha was to be at the head of its state, and the concurrent act of all the Alphas was required to extend the society to other states. After six years the two Northern Alphas agreed to give Dartmouth a chapter, and the "foundation meeting" was held August 20, 1787, establishing the Alpha of New Hampshire. These three chapters formed the society for thirty years. When the Morgan craze against Freemasonry filled New England the Harvard chapter yielded to the influence of John Quincy Adams, Judge Story and others, and abandoned the oath of secrecy. Edward Everett was sent to a meeting of the Yale chapter to induce them to take similar action. This chapter agreed to abandon the secret oath, as did Dartmouth also. Possibly there came at this point, all unconsciously to the immediate members of that time, a broadening of views and purposes that in due time brought Phi Beta Kappa from the limited range of an ordinary Greek Letter Fraternity into the larger ambition of a union of scholars.

The admirable bibliographical description which Mr. Tillinghast has given of the Phi Beta Kappa orations and poems at Harvard make us understand how Phi Beta Kappa day has become the notable day of Harvard commencement week. The early days of the Yale chapter are well pictured by Mr. George D. Kellogg in his Historical Sketch written for the Yale Chapter Catalogue.

In 1817 the Alphas united and granted a chapter to Union College, which became the proud parent of seven new chapters, almost one third of all that were established up to the time of the United Chapters. Charters to Bowdoin, Brown and others followed.

THE UNITED CHAPTERS.

In 1881 the Harvard chapter invited the other chapters to send delegates to attend the celebration of the hundredth anniversary of its establishment, and to empower such delegates to constitute themselves a convention to represent the society. After several meetings a permanent organization was established, and The First National Council met at Saratoga, Sept. 5, 1883. A constitution and by-laws were adopted and officers elected. The Councils are held every third year, and all applications for new chapters are considered by the Senators before being presented to the Council for their action.

Constitution and By-Laws of the United Chapters.

CONSTITUTION.

ARTICLE I.

Composition of the National Council.

The National Council of the Phi Beta Kappa Society shall consist of the Senators hereinafter spoken of, and of delegates from the several Chapters of the Society. Each Chapter shall be entitled to send three delegates, who shall be graduates of at least five years' standing and members of the Phi Beta Kappa Society, but not necessarily of the Chapter by which they are chosen.

ARTICLE II.

The Senate.

The Senate shall originally consist of twenty Senators, chosen by the delegates at the first session of the National Council, from the Society at large. These shall be divided into two classes, whose terms of office shall expire at the adjournment of alternate regular sessions of the National Council. At every subsequent regular session the places of the outgoing class shall be filled by election as follows: On the day preceding the first day of each regular session of the National Council, the Senate shall meet, and shall nominate fifteen candidates, in addition to the members of the outgoing class, for the ten vacant seats, and also two candidates for the unexpired term of each Senator who may have died or resigned since the last regular session. Other persons not nominated by the Senate may be presented as candidates at the time of the election. Of every ten members whose terms of office shall expire, one may be elected by the Council Senator for life. In every election of Senators a majority of the votes cast shall be required to elect, and in such elections the outgoing Senators shall have no vote. The Senate may fill vacancies in its own body till the next meeting of the National Council.

ARTICLE III.

Officers of the National Council.

The officers of the National Council shall be a President, a Vice-President, a Secretary and a Treasurer, and such others

as may be found necessary from time to time. The President shall be chosen from among the Senators.

ARTICLE IV.

Sessions and Functions of the Council.

The National Council shall meet every third year at such place and time as shall have been determined by the officers of the United Chapters, and shall proceed at once to the election first of its officers and next of the Senators. The National Council shall make such rules as may be found necessary for the carrying out of any provision of this Constitution.

ARTICLE V.

The Senate and Its Functions.

During the sessions of the National Council the Senate shall have no separate existence, but its members shall take their places with the delegates as members of the National Council, voting with the delegates as well upon all other matters as upon the election of officers and Senators, except as provided in Article II. When the National Council is not in session the Senate shall constitute an independent body, charged with the duty of representing the Phi Beta Kappa Society and speaking in its name, and exercising, in addition, the functions of a permanent Executive Committee of the National Council. It shall hold its meetings at such times and places as it shall determine, being first called together by that Senator who, at the original election of the Senate, shall have been elected by the largest number of votes. It shall recommend candidates for election as Senators. It shall also have power to call an extra session of the National Council. It shall, furthermore, prepare and recommend to the consideration of the National Council such matters as it may deem proper. It shall transmit its lists of candidates and of matters recommended for discussion, by the hands of the secretary, to the presiding officer of the National Council, immediately upon its organization being completed. It shall also transmit, in the same manner, to the National Council a report of its doings between the sessions of the Council. Nothing herein shall be so construed as to derogate from the right of the National Council to appoint Committees to sit between sessions, independently of the Senate, and to report at the next session

ARTICLE VI.

New Charters.

Applications for charters shall, in all cases, be made to the Senate, at least six months before the regular session of the National Council; the Senate shall at once notify all the chapters of such applications, and such applications shall be reported to the National Council with the recommendation of the Senate at the next meeting of the Council, and shall be passed upon by the Council, which shall have exclusive power to grant charters. But no charters shall be issued without the consent of delegations representing a majority of the chapters.

ARTICLE VII.

By-Laws and Rules of Order.

The National Council at any of its sessions, and the Senate at any time, may respectively make such By-Laws and Rules of Order as may be thought expedient for their use, provided the same be not inconsistent with any of the provisions of this Constitution. A quorum of the National Council shall consist of delegates from a majority of the chapters and not fewer than three Senators; the Senate shall determine the number which shall constitute its quorum.

ARTICLE VIII.

Rights of Chapters.

Nothing contained in this constitution shall be construed as empowering the Senate or the National Council to restrict or abridge the rights or privileges now exercised by existing Chapters, except as expressly provided herein.

ARTICLE IX.

Amendments to This Constitution.

No change shall be made in this Constitution unless the same shall have been proposed at the session of the National Council next preceding the session at which the proposed change is voted for; and no vote shall be had upon any such proposed change except at a stated hour previously ordered by the meeting,—and no amendment shall be made without the concurrence of the delegations of two-thirds of the Chapters represented in the Council.

ARTICLE X.

Adoption of the Constitution.

This Constitution shall take effect when ratified by fourteen Chapters. (Sixteen chapters ratified it before July, 1883.)

BY-LAWS.

I.
Elections and Officers.

All elections shall be by ballot. The President shall preside over the meetings of the Council. In his absence the Vice-President shall perform his duties. When both are absent a president pro tempore shall be chosen viva voce. The Secretary shall keep the records of the Council, conduct its correspondence, and send to the Senate and to each chapter a certified report of the proceedings of each session. The Treasurer shall collect and disburse all funds of the Council, and report at each session thereof.

II.
Order of Business.

(1) Calling the Roll. (2) Reading the minutes. (3) Reports of officers. (4) Communications from the Senate on nominations. (5) Election of officers. (6) Election of senators. (7) Communication from the Senate on new chapters and other matters. (8) Miscellaneous business.

III.
Voting.

In all cases not otherwise provided for by the Constitution each senator and delegate present shall be entitled to cast one vote.

IV.
Assessments.

Each chapter shall pay to the Treasurer a triennial assessment of five dollars.

V.
Procedure.

The proceedings of the Council, in all cases not provided for in the Constitution, or the by-laws, shall conform to the rules laid down in Cushing's Manual.

VI.
Endorsement of New Chapters.

All applications for future chapters shall have the endorsement of at least five existing chapters prior to presentation to the Senate.

VII.
Amendments.

These by-laws, or any of them, may be suspended, altered or amended at any meeting of the Council by a two-thirds vote of the members of the Council present and voting.

Charter of the Alpha Chapter of Maryland

United Chapters

—TO—

Daniel C. Gilman, Thomas Craig, James W. Bright, Minton Warren, Bernard C. Steiner, Kirby F. Smith, Charles L. Poor and Melvin Brandow.

Brethren of the Phi Beta Kappa, Greeting:

Whereas, The National Council of the United Chapters of the **Phi Beta Kappa Society** has by resolution duly adopted on the eleventh day of September, 1895, decreed the establishment of a chapter of the **Phi Beta Kappa** in connection with the **Johns Hopkins University** at Baltimore, and has directed the Senate by the President and Secretary to issue a charter in the name of the National Council:—Now, therefore, by virtue of the aforesaid act of the Council and the authority delegated to us, we do hereby incorporate and establish you and such others as you may hereafter elect and associate with yourselves, in conformity to the law of the **Phi Beta Kappa Society,** into a separate and subordinate branch of said society, to be known and called

The Alpha Chapter of the Phi Beta Kappa in the State of Maryland;

hereby granting unto you and your successors all the powers, privileges, and benefits thereunto appertaining, in as full and ample a measure as the brethren of the other and existing chapters enjoy; at the same time enjoining upon you in the organization and conduct of the new chapter, and as a condition upon which this charter is granted, strict compliance with the Constitution of the United Chapters and the Model Constitution herewith transmitted to you.

In Witness Whereof, the said Senate has caused the seal of the United Chapters of the **Phi Beta Kappa** to be affixed hereto, with the signatures of the President and Secretary.

THOMAS WENTWORTH HIGGINSON, President.
E. B. PARSONS, Secretary.

Given this eleventh day of September, in the year of our Lord, one thousand eight hundred and ninety-five.

Officers of the Chapter.

PRESIDENTS.

D. C. GILMAN.....1895—1899
J. S. AMES.....1899—1900
E. H. GRIFFIN.....1900—1901
W. H. HOWELL.....1901—1902
A. M. ELLIOTT.....1902—1903
P. HAUPT.....1903—1904
H. M. HURD.....1904—

VICE-PRESIDENTS.

J. W. BRIGHT.....1895—1896
J. S. AMES.....1896—1897
W. H. WELCH.....1899—1900
W. H. HOWELL.....1900—1901
A. M. ELLIOTT.....1901—1902
P. HAUPT.....1902—1903
H. M. HURD.....1903—1904
K. F. SMITH.....1904—

TREASURERS.

C. L. POOR.....1895—1899
G. C. MORRISON.....1899—1900
M. BRANDOW.....1900—1901
C. C. MARDEN.....1901—

SECRETARIES.

B. C. STEINER.....1895—1896
K. F. SMITH.....1896—1900
J. E. GILPIN.....1900—

HISTORY OF THE LOCAL CHAPTER.

No definite action was taken to secure a chapter of the society at the Johns Hopkins University until the fall of 1894, when, in response to a suggestion made by Dr. Steiner and others, a meeting was called of some members of the faculty and advanced students who were already members of the Phi Beta Kappa Society. At this meeting, which was presided over by President D. C. Gilman, a petition was drafted to be sent to the Senate in time for its meeting held March 18, 1895. The petition was endorsed by several New England colleges and was favorably recommended by the Senate. At the session of the Congress held at Saratoga, September 11, 1895, a charter was granted to the following petitioners of the Johns Hopkins University:

Daniel C. Gilman, Yale.
Thomas Craig, Lafayette.
James W. Bright, Lafayette.
Minton Warren, Tufts.
Kirby F. Smith, University of Vermont.
Charles L. Poor, College of City of New York.
Bernard C. Steiner, Yale.
Melvin Brandow, Rutgers.

The chapter was formally organized December 19, 1895, when the following Associate Founders were elected:

C. A. Adams, Middlebury.
F. S. Conant, Williams.
W. S. Davis, Amherst.
W. S. Day, Columbia.
C. P. Emerson, Amherst.
W. W. Ford, Adelbert.
C. B. Furst, Dickinson.
E. H. Griffin, Williams.
J. G. Hardy, Lafayette.
S. S. Kingsbury, Marietta.
J. H. M. Knox, Jr., Yale.
G. C. Lee, Dickinson.
G. B. Lynes, Union.
I. P. Lyon, Yale.

W. T. Mather, Amherst.
J. F. Mohler, Dickinson.
R. G. Perkins, Union.
I. Remsen, College of City of New York.

Some form of social gathering has been held each year about May ist, upon which occasion the recently elected members have been initiated. Either upon these occasions or preceding them addresses have been made by President Lyon G. Tyler, of William and Mary College; Mr. Richard Henry Gilder; Prof. George A. Smith, of Glasgow; Prof. J. McK. Cattell, Prof. Bunadotte Perrin and others.

The selection of members is not confined to the undergraduate department, as a few graduate students, who have shown marked ability and who have come from institutions where this Society has not been established, are elected each year. Although the by-laws permit the selection of one-fifth of the graduating class, this Chapter elects only one-seventh of the class each year.

Constitution and By-Laws of the Alpha Chapter of Maryland.

CONSTITUTION.

ARTICLE. I.

This chapter is a member of the United Chapters of the Phi Beta Kappa Society, and shall be known as the Alpha Chapter of the State of Maryland of the Phi Beta Society.

ARTICLE II.

The object of the Phi Beta Kappa Society is the promotion of scholarship and friendship among students and graduates of American Colleges and Universities.

ARTICLE III.

In addition to scholarship, good moral character shall be a qualification of membership, and any member who is found to lack this qualification may be expelled from the Society by a four-fifths vote of the members present at a regular meeting of the Society.

ARTICLE IV.

This Chapter shall send a delegation to represent it at each National Council of the United Chapters, shall contribute its equal part to the financial support of the United Chapters, and shall conform to the constitution of the United Chapters and all the lawful requirements of the National Council.

ARTICLE V.

The following persons shall be eligible to membership in this Chapter:

1. Collegiate students who are candidates for the bachelor's degree and who are distinguished for academic attainments; provided that no such student shall be elected prior to the Easter recess of his graduating year, and provided that

not more than one-fifth of the graduating class shall be so elected.

2. Graduate Students, not already members of the Phi Beta Kappa; provided that no such student, coming from a cellege at which there is a Chapter of Phi Beta Kappa, shall be elected without the approval of that Chapter.

3. Former collegiate students of the Johns Hopkins University, who since graduation have won special distinction.

4. Persons who have received degrees from the Johns Hopkins University prior to the institution of this Chapter may be elected to membership as if members of the University at the time of their election.

5. Members of the Academic Staff of the Johns Hopkins University.

6. Members of other Chapters of the Phi Beta Kappa and resident at the Johns Hopkins University shall be admitted as temporary members of this Chapter, but shall have no vote. Such members are, however, eligible to active membership.

7. Any person not a member of the Academic Staff of the Johns Hopkins University, and distinguished in letters, science, art, or education may be elected an Honorary Member of this Chapter. But more than five Honorary Members shall not be elected in any one year, and no less than twenty-five active members shall constitute a quorum for the election of an Honorary Member.

ARTICLE VI.

All elections to membership in this Chapter shall be by ballot at a regular meeting; and such persons only shall be declared elected as shall have received the unanimous vote of the members present.

ARTICLE VII.

The officers of this Chapter shall be a President, a Vice-President, a Secretary, and a Treasurer, who shall perform the duties usually incumbent upon such officers.

ARTICLE VIII.

This constitution may be amended at any regular meeting of the Chapter by a four-fifths vote of the members present, provided that notice of such proposed amendment shall have been sent to all active members at least two weeks before the said meeting.

BY-LAWS.

ARTICLE I.

Meetings.

Section 1. An Annual Meeting shall be called by the President after April 1st and before the close of each academic year. At this meeting the collegiate and the honorary members shall be elected.

Section. 2. A regular or a special meeting of the Chapter may be called by the President at any time; and a regular meeting shall be called by the Secretary whenever requested in writing by five active members.

Sec. 3. When a regular meeting has been called, all active members of the Chapter shall be duly notified thereof, by the Secretary.

ARTICLE II.

Quorums.

Fifteen active members of the Chapter shall constitute a quorom for the transaction of business and the election of active members.

ARTICLE III.

Executive Committee.

Section 1. Upon assuming office the President shall appoint an Executive Committee of five members, in which shall be vested the government of the Chapter.

Sec. 2. The Executive Committee shall nominate all candidates for membership. It shall be their duty to prepare each year a list of those undergraduates who are eligible to membership and whom they consider worthy of the honor, and to submit such list to the Chapter at the Annual Meeting.

ARTICLE IV.

Elections.

The officers of the Chapter shall be elected by ballot at the Annual Meeting and shall hold office until the next Annual Meeting or until their successors are chosen. A majority of the active members present shall be necessary to elect the officers.

ARTICLE V.

Entrance Fees.

Section 1. For persons elected to active membership in this Chapter in accordance with the Constitution, Art. VI., Sec. 3, 4, 5 and 6, the entrance fee shall be five dollars: and persons elected in accordance with the Constitution, Art. VI., Sec. 1 and 2, shall pay an entrance fee of ten dollars, but shall not in the Academic year of their election be subject to an assessment for the annual banquet or for any other purpose. Such payment shall be made within thirty days after his election; and in default of payment he shall be held to have declined membership.

Sec. 2. There shall be no dues; but the Chapter shall have the power, by a majority vote at a regular meeting, to assess the active members for special purposes.

ARTICLE VI.

Amendments.

These By-Laws may be amended at a regular meeting by a two-thirds vote of the members present.

THE FOLLOWING ABBREVIATIONS HAVE BEEN USED IN THE REGISTER OF MEMBERS.

Campbell College, Kansas.	C. College,
Columbia University.	Col. Univ.
Dalhousie College, Canada.	Dal. College.
Davidson College.	Dav. College,
Dickinson College.	Dick. College,
Franklin and Marshall College.	F. and M. College,
Fredericksburg College.	Fred. College,
Georgetown University, D. C.	Geor. Univ.,
Hamline University.	Ham. Univ.,
Hampden Sidney College.	H. S. College,
Haverford College.	Haver. College,
Iowa State College.	I. S. College,
Lafayette College.	Laf. College,
Loyola College.	Loy. College.,
Mass. Institute of Technology.	Mass. Inst. of Tech.,
Oberlin College.	Ober. College,
Ohio Wesleyan University.	O. W. Univ.,
Princeton University.	Prin. Univ.,
Randolph-Macon College.	R.-M. College,
Richmond College.	Rich. College,
South Carolina College.	S. C. College,
Stanford University.	Stan. Univ.,
Southwestern Presbyterian University,	S. W. Presb. Univ.,
Trinity College.	Trin. College,
University of Toronto.	Univ. of Tor.,
University of Wisconsin.	Univ. of Wis.,
University of Indiana.	Univ. of Ind.,
Victoria University.	Vict. Univ.,
Wesleyan University.	Wes. Univ.,
Wake Forest College.	W. F. College,
Washington and Lee University.	W. & L. Univ.,
Wittenburg College.	Wit. College,

The absence of the name of some institution after the degree indicates that it was received at the Johns Hopkins University.

Register of Members

Arranged According to Year of Initiation

1895.

Ames, Joseph Sweetman, Johns Hopkins University.
b. July 3, 1864. A. B., '86; Ph. D., '90.
Assistant, Associate, Associate Professor and Professor of Physics and Director of the Physical Laboratory, J. H. U.

Baker, Thomas Stockham, Port Deposit, Md.
b. March 23, 1871. A. B., '91; Ph. D., '95.
Associate in German, J. H. U.; Professor of German, Jacob Tome Inst.; Lecturer in Modern German Lit., J. H. U.

Bayard, Richard Howard, 907 Cathedral St., Balto., Md.
b. Jan. 26, 1865. A. B., '87; B. L., '94 (Univ. of Md.).
Attorney-at-Law.

Bayley, William Shirley, Colby College, Waterville, Maine.
b. Nov. 10, 1861. A. B., '83; Ph. D., '86.
Prof. of Geology and Mineralogy, Colby College, 1888—1904; Asst. Geologist, U. S. Geol. Survey, 1888—.

Becker, Ernest Julius, 1518 Park Ave.. Balto., Md.
b. July 9, 1875. A. B., '94; Ph. D., '98.
Prof. of Modern Languages, Woman's College, Richmond, Va., 1899—1902; Instructor in English and German, Balto. City College, 1902—.

Bentley, Arthur Fisher, Chicago, Ill.
A. B., '92; Ph. D., '95.
Editor.

Black, James William, 1 Chaplin St., Waterville, Maine.
b. Jan. 31, 1866. A. B., '88; Ph. D., '91.
Acting Professor of History and Political Science, Georgetown College, Georgetown, Ky., 1891—'92; Associate Professor of Political Economy, Oberlin College, Oberlin, Ohio, 1892—'94; Professor of History and Political Economy, Colby College, Waterville, Maine, 1894—.

Brown, Lawrason, Saranac Lake, N. Y.
b. 1871. A. B., '95; M. D., '00.
Resident Physician, Adirondack Cottage Sanitarium.

Brown, Thomas Richardson, 1033 Cathedral St., Balto., Md.
b. Sept. 11, 1872. A. B., '92; M. D., '97.
Interne, Johns Hopkins Hospital, 1897—8; Instructor and Associate in Medicine, J. H. U. (Medical Department), 1900—; Associate Professor of Medicine. College of Physicians and Surgeons, 1899—; Associate Editor Maryland Medical Journal, 1898—.

Bump, Charles Weathers, 1200 Guilford Ave., Balto, Md.
b. Dec. 13, 1872. A. B., '92.
Editor and Dramatic Critic, Balto. Sun, 1890—'91; Balto. News, 1901—.

Bumstead, Henry Andrews, 45 Edgehill Road. New Haven, Conn.
b. March 12, 1870. A. B., '91 (J. H. U.); Ph. D., '97 (Yale).
Instructor in Physics. 1893—'00; Asst. Prof. of Physics, Shef. Scientific School of Yale Univ., 1900—.

Campbell, John Pendleton, Athens, Ga.
b. Nov. 20, 1863. A. B., '85; Ph. D., '88.
Prof. of Biology, Univ. of Georgia.

Chapman, Charles Hiram, Woodland, Washington.
b. Oct. 28, 1859. A. B., '88; Ph. D., '90.
Associate in Mathematics, J. H. U., 1889—1892; President Univ. of Oregon, 1893—1899.

Chestnut, William Calvin, Roland Park, Balto. Co., Md.
b. June 27, 1873. A. B., '92 (J. H. U.); LL. B., '94 (Univ. Md.).
Attorney-at-Law; Assistant States' Attorney for Baltimore City, 1896—'99.

Cohen, Abraham, 1744 Park Ave., Balto. Md.
b. Sept. 11, 1870. A. B., '91; Ph. D., '94.
Instructor and Associate in Mathematics, J. H. U.

Dashiell, Paul Joseph, Naval Academy, Annapolis, Md.
b. July 16, 1867. A. B., '87; Ph. D., '91.
Instructor in Organic Chemistry at Lehigh Univ., 1891—'93; Prof. of Chemistry, U. S. Naval Academy, 1893—.

Dawson, Percy Millard, J. H. U. Med. Dept., Balto., Md
b. May 19, 1873. A. B., '94; M. D., '98.
Fellow, 1898—99; Assistant, 1899—'00; Instructor, 1900—'01; Associate and Asst. Prof. in Physiology, 1901—, J. H. Medical School.

Devries, William Levering, 301 A. St. S. E., Washington, D. C.
b. Nov. 8, 1865. B. A., '88; Ph. D., '92 (both at J. H. U.);
B. D., '98 (Gen. Theo. Sem..).
Missionary in Charge of St. Alban's and Good Shepherd Missions, Howard Co., Md., 1894—'96; Rector of St. Mark's Church, Washington, D. C., 1896—.

Dorsey, Noah Ernest, Annapolis Junction, Md.
b. March 15, 1873. A. B., '93; Ph. D., '97.
Associate in Physics, J. H. U.; Assistant Physicist. U. S. Dept. Agriculture; Assistant Physicist in Bureau of Standards, Washington, D. C.

Dowell, Howard Blake, 305 St. Paul St., Balto., Md.
b. March 2, 1872. A. B., '93 (J. H. U.); LL. B. (Univ. of Md.)
Lawyer.

Faust, Albert Bernhardt, Univ. of Wisconsin, Madison, Wis.
b. April 20, 1870. A. B., '89; Ph. D., '92.
Instructor in German, J. H. U., 1894—'96; Associate Prof. of German and Head of German Dept., Wesleyan Univ., 1896—'03; Assistant Prof. of German, Univ. of Wisconsin, 1903—.

Frank, Eli, 1504 Bolton St., Balto., Md.
b. Feb. 8, 1874. A. B., '94 (J. H. U.); LL. B., '96 (Univ. of Md.).
Attorney-at-Law, Baltimore, Md.; Instructor in Baltimore Law School.

Friedenwald, Harry, 1029 Madison Ave., Balto., Md
b. Sept. 21, 1864. A. B., '84 (J. H. U.); M. D., '86 (College Phys. and Surg., Balto., Md.).
Prof. of Ophthalmology and Otology, Coll. Phys. and Surg., Balto., 1902—.

Gilpin, Joseph Elliott, Johns Hopkins University.
b. Nov. 21, 1866. A. B., '89; Ph. D., '92.
Assistant and Associate in Chemistry, J. H. U., 1892—.

Greenbaum, Milton D., Fidelity Building, Balto., Md.
b. April 18, 1875. A. B., '95 (J. H. U.); LL. B., '97 (Univ. of Md.).
Attorney-at-Law.

Hamburger, Louis Philip, 1210 Eutaw Place, Balto., Md.
b. Sept. 18, 1873. A. B., '93; M. D., '97.
Instructor in Medicine, J. H. U.; Clinical Assistant in Medicine, J. H. Hospital Dispensary; Visiting Physician, Union Protestant Infirmary, Balto.; Physician, Balto.

Haskins, Charles Homer, 15 Prescott Hall, Cambridge, Mass.
b. Dec. 21, 1870. A. B., '87; Ph. D., '90.
Instructor in History, J. H. U., 1889—'90; Instructor in History, Univ. of Wisconsin, 1890—'91; Assistant Prof. of History, Univ. of Wisconsin, 1891—'92; Prof. of European History, Univ. of Wisconsin, 1892; Prof. of History, Harvard Univ., 1902—; Corresponding Secretary of the American Historical Association, 1900—.

Hollander, Jacob H., Johns Hopkins University, Balto., Md.
b. July 23, 1871. A. B., '91; Ph. D., '94.
Instructor in Amherst College, 1894; Secretary of U. S. Monetary Commission, 1897; Special Commissioner to revise the laws relating to Taxation in Porto Rico, 1900; Treasurer of Porto Rico, 1900—'01; Assistant, Instructor, Associate, Associate Professor and Professor in J. H. U., 1894—.

Hough, Theodore, Simmons College, Boston, Mass.
b. June 19, 1865. A. B., '86; Ph. D., '93.
Instr. and Asst. Prof. of Biology, Mass. Inst. Tech., 1893—1903; Assoc. Prof. of Biology, Simmons Coll., 1903—; Inst. in Physiology and Personal Hygiene, Boston Normal School of Gymnastics, 1893—.

Howell, William Henry, 232 W. Lanvale St., Balto., Md.
b. Feb. 20, 1860. A. B., '81, and Ph. D., '84 (J. H. U.); M. D. (Hon.) (Univ. of Mich.) LL. D. (Trinity College).
Asst. and Assoc. in Biology, J. H. U.; Assoc. Prof. of Physiology, J. H. U.; Prof. of Physiology and Histology, Univ. of Mich.; Assoc. Prof. of Physiology, Harvard Univ.; Prof. of Physiology, J. H. U.

James, George Oscar, Washington Univ., St. Louis, Mo.
b. Aug. 1, 1873. A. B., '95; Ph. D., '99.
Examiner, U. S. Civil Service Commission; Instr. in Mathematics and Astronomy, Lehigh Univ.; Instr. in Mathematics and Astronomy, Washington Univ.

Janney, Stuart Symington, 615 Park Ave., Balto., Md.
b. Oct. 9, 1874. A. B., '95 (J. H. U.); LL. B., '01 (Univ. of Md.).
Attorney-at-Law.

Johnson, Charles William Leverett, 32 E. Preston St., Baltimore.
b. Aug. 12, 1870. A. B., '91; Ph. D., '96.
Instructor in Greek, Yale University, 1897—1900; Instructor in Latin, Princeton University, 1900—1903.

Johnson, John Hemsley, 1008 N. Calvert St., Balto., Md.
b. July 3, 1861. A. B., '81 (J. H. U.); LL. B., '87 (Univ. of Md.).
Lawyer.

Johnson, Theodore Woolsey, U. S. Naval Academy, Annapolis, Md.
b. June 4, 1872. A. B., '92 (J. H. U.); M. E., '96 (Stevens Inst. of Tech.
Asst. Steel Inspector for Navy Dept., 1896—'98; With Whitham & Johnson, Consulting Mechanical Engineers, Phila, 1898—'99; Prof. of Drawing, U. S. N. A., 1900—.

Kaufman, M.
A. B., '95.

Kemp, George Theophilus, Hotel Beardsley, Champaign, Ills.
b. 1861. A. B., '83, and Ph. D., '86 (J. H. U.); M. D., '91 (Long Island College Hosp.).
Demonstrator of Physiology, Univ. of Penna; Assoc. Director Departments of Physiology and Bacteriology, Hoagland Laboratory, Brooklyn, N. Y.; Lecturer on Physiology, Long Island Coll. Hosp.; Prof. of Physiology, Univ. of Ills.

Knower, Henry McElderry, 112 E. Preston St., Balto., Md.
b. Aug. 5, 1868. A. B., '90; Ph. D., '96.
Fellow, 1894—'95; Bruce Fellow, 1895—'96; Instr. in Williams College, 1896—'97; Fellow, J. H. Univ., 1897—'99; Instr. in Anatomy, J. H. Univ., 1899—; Co-Editor and Secretary, American Journal of Anatomy.

Lanier, Charles Day, 13 Astor Place, New York, N. Y.
b. Sept. 12, 1868. A. B., '88.
Clerk, Kansas City Smelting and Refining Co., 1890—'91; Asst. Editor, Cosmopolitan Magazine. 1892—'93; Manager, Review of Reviews Co., 1893—.

Lauchheimer, Sylvan Hayes, 2220 Eutaw Place, Balto, Md.
b. Jan. 22, 1870. A. B. (J. H. U.); LL. B. (Univ. of Md.)
Attorney-at-Law.

Lodge, Gonzalez, Teachers' College, Columbia Univ., N. Y.
b. Dec. 19, 1863. A. B., '83; Ph. D., '86 (J. H. U.); LL. D., '01. (Fran. and Mar. College.)
Prof of Greek, Davidson College, 1886—'88; Prof. of Latin, Bryn Mawr College, 1899—1900; Prof. of Latin and Greek, Teachers' College, Columbia Univ., 1900—.

Marden, Charles Carroll, Johns Hopkins Univ., Balto., Md.
b. Dec. 21, 1867. A. B., '89; Ph. D., '94.
Instructor, Associate and Teacher in Norfolk (Va.) Academy; Instr. in French, Univ. of Mich.; Instructor, Assoc. and Assoc. Prof. of Spanish, J. H. U.

McPherson, John Hanson Thomas, 437 Milledge Ave., Athens, Ga.
b. Oct. 30, 1865. A. B., '86; Ph. D., '90.
Instr. in History, Univ. of Mich., 1890—'91; Prof. of History and Political Science, Univ. of Georgia, 1891—; Prof. Roman Law, Univ. of Georgia Law School, 1895—1904.

Miller, Charles William Emil, 2 Augusta Ave., Balto., Md.
b. Jan. 14, 1863. A. B., '82; Ph. D., '86.
Instr. Milton Academy, Balto., Md., 1885—1888; Prof. Peoria (Ills.) High School, 1888—'90; Prof. Walther College, St. Louis, Mo., 1890—'91; Special Asst. Greek, J. H. U., 1891—'92; Assoc. in Greek, J. H. U., 1892—'98; Assoc. Prof. of Greek, 1898—.

Moses, Jacob Moses, 225 St. Paul St., Baltimore, Md.
b. Feb. 17, 1873. A. B., '93 (J. H. U.); LL. B., '95 (Univ. of Md.).
Lawyer; State Senator of Maryland, 1899—1903; Secretary, Maryland-Virginia Oyster Commission, 1902.

Nitze, William Albert, 63 S. Pleasant St., Amherst, Mass.
b. March 20, 1876. A. B., '94; Ph. D., '99.
Lecturer in Romance Languages, Columbia Univ., 1899—1903; Assoc. Prof. of Romance Languages, Amherst College, 1903—.

Norris, James Flack, Mass. Inst. of Tech., Boston, Mass.
b. Jan. 20, 1871. A. B., '92; Ph. D., '95.
Asst., Instr., and Asst. Prof. of Organic Chemistry, Mass. Inst. of Tech.

Oliver, Edward Spiller, Died March 18, 1902.
A. B., '95; M. D., '99.

Opie, Eugene Lindsay, 859 Park Ave., Balto., Md.
b. July 5, 1873. A. B., '93; M. D., '97.
Assoc. in Pathology, J. H. U.; Fellow of Rockefeller Inst. for Medical Research.

Peppler, Charles William, Oxford, Ga.
b. Jan. 16, 1872. A. B., '92; Ph. D., '98.
Prof. of Greek, Emory College, Oxford, Ga., 1898—.

Reid, Harry Fielding, Johns Hopkins Univ., Balto., Md.
b. May 18, 1859. C. E., '76 (Penna Mil. Academy); A. B., '80 and '80 and Ph. D., '85. (J. H. U.)
Prof. Math. Case School of Appl. Science, 1886—'89; Prof. Physics. Case School of Appl. Science, 1889—'94; Lecturer, J. H. U., 1894—'96; Assoc. Prof. Physical Geology, Univ. of Chicago, 1895—'96; Assoc. Prof. and Prof. Geological Physics, J. H. U., 1896—; Chief Highway Division, Md. Geol. Survey, 1898—.

Reizenstein, Milton, 224 Carroll St., Brooklyn, N. Y.
b. Feb. 2, 1874. A. B., '94; Ph. D., '97.
Assistant to General Agent, Baron de Hirsch Fund, New York, 1897—1900; Asst. Supt. Educational Alliance, New York, 1901—'03; Supt. Hebrew Educational Society, Brooklyn, N. Y., 1903—.

Rutter, Frank Roy, U. S. Dept. of Agriculture, Washington, D. C.
b. March 15, 1874. A. B., '94; Ph. D., '97.
Editorial Clerk, Geological Survey, Washington, D. C., 1898—'99; Asst. Chief, Division of Foreign Markets, U. S. Dept. of Agriculture, Washington, D. C., 1899—; Asst. Prof. of Economics, Graduate School, Columbian Univ., Washington, D. C., 1902—'03.

Schenck, Charles Carroll, McGill Univ., Montreal, Canada.
b. Oct. 10, 1871. A. B., '93; Ph. D., '97.
Asst. in Physics, Lehigh Univ.; Instructor in Physics, McGill Univ.

Shriver, Alfred Jenkins, 108 W. Mulberry St., Balto., Md.
b. June 5, 1869. A. B., '91 (J. H. U.); LL. B., '93 (Univ. of Md.).
Lawyer.

Snowden, Samuel Guy, Conemaugh, Pa.
b. Sept. 29, 1868. A. B., '90; B. D., '93 (Drew Theo. Sem.).
Clergyman. Pastor at Port Crane, N. Y.; Westford, N. Y.; Moscow, Pa.; Nichols, N. Y.; Great Bend, Pa.; Conemaugh, Pa.

Soper, Morris Ames, 1515 McCulloh St., Balto., Md.
b. Jan. 23, 1873. A. B., '93 (J. H. U.); LL. B., '95 (Univ. of Md.).
Lawyer. Asst. State's Attorney, Sept. '97-Dec. '99; Asst. U. S. Attorney, 1900; Instructor, Criminal Law, Baltimore Law School, 1904—.

Spieker, Edward Henry, 915 Edmondson Ave., Balto., Md.
b. April 18, 1859. A. B., '79; Ph. D., '82.
Instructor, Associate and Associate Professor in Greek and Latin (J. H. U.).

Stein, Simon H., 2324 Eutaw Place, Balto., Md.
b. June 2, 1874. A. B., '94 (J. H. U.); LL. B., '96 (Univ. of Md.).
Lawyer; Banker.

Stewart, Charles Morton, Jr., Garrison P. O., Md.
b. May 10, 1870. A. B. '91.
Merchant.

Symington, William Stuart, Jr., New York City.
A. B., '91; Ph. D., '95.
Instr and Assoc. Prof. of Romance Languages, Stanford Univ., 1893—1895; Prof. of Romance Languages, Amherst, 1895—1903. Insurance Agent.

Thieme, Hugo Paul, Ann Arbor, Mich.
b. Feb. 12, 1870. A. B., '93; Ph. D., '97.
Acting Head of Modern Languages, Earlham College, 1897—'98. Instructor in French, University of Mich., 1898—1903.

Uhler, Horace Scudder, 1318 Harlem Ave., Balto., Md.
b. Aug. 5, 1872. A. B., '94.
Teacher of Mathematics at the Univ. School, Balto., 1896—1897; Instr. in Physics in the Academy of Northwestern Univ., 1897—1902. Student at J. H. U.

White, Edward Lucas, 1321 Mt. Royal Ave., Balto., Md.
b. May 18, 1866. A. B., '88.
Teacher of Latin and Greek; Tutor in Latin, Dartmouth College, 1892; Teacher at the University School for Boys, Baltimore, 1896—'99; Instructor in Latin and Greek at the Boys' Latin School, Balto., 1899—'04; Teacher of Latin and Greek at the Friends' High School. Balto., 1892—'95.

Willoughby, Westel Woodbury, Johns Hopkins University. Balto.
b. July 20, 1867. A. B., '88; Ph. D., '91.
Acting Prof. Sanford Univ., 1894—'95; Reader and Associate, J. H. U., 1894—1899; Associate Prof., Political Science, J. H. U., 1899—.

Wright, James Homer, Massachusetts General Hospital. Boston, Mass.
b. April 8, 1869. A. B. (J. H. U.); M. D. (Univ. of Md.); A. M. (Harvard).
Thomas A. Scott Fellow in Hygiene, University of Pennsylvania, 1892—1893; Assistant in Pathology, Harvard University, 1893—1896; Director of the Clinico-Pathological Laboratory, Massachusetts General Hospital, 1896—; Instructor in Pathology, Harvard University, 1896—.

1896.

Adams, Henry Carter, Ann Arbor, Mich.
b. Dec. 31, 1851. A. B., '74; LL. D., '96 (Iowa College); Ph. D., '78 (J. H. U.).
Prof. Political Economy and Finance at Cornell Univ. and Michigan Univ. and Lecturer at J. H. U.; Statistician to the Interstate Commerce Commission, 1887—; Special Expert Agent in Transportation for the Eleventh Census.

Allinson, Francis Greenleaf, Brown Univ., Providence, R. I.
b. Dec. 16, 1856. A. B., '76 (Haver. College), and '77 (Harvard); A. M., '79 (Haver. College), and '95 (Williams); Ph. D., '80.
Asst. Prof. of Greek and Latin, Haverford, 1880—82; Head Master in Classics, Univ. School, Balto., 1882—91; Asst. Prof. of Greek and Latin, Williams College, 1892—95; Asst. Prof. of Greek, Brown Univ., 1895—1898; Prof. Classical Philology, Brown Univ., 1898—.

Bascom, Florence, Bryn Mawr College, Bryn Mawr, Pa.
B. A., B. L., B. S., M. A. (Univ. of Wis.); Ph. D., '93 (J. H. U.).
Asst. in Geology, Ohio State University, 1893—'95; Lecturer, Associate and Associate Professor of Geology, Bryn Mawr College, 1895—1904; Asst. Geologist, U. S. Geol. Survey.

Beyer, Samuel Walker, Iowa State College, Ames, Iowa.
b. May 15, 1865. B. S., '89 (I. S. Coll.); Ph. D., '95.
Asst. Prof. Geology, 1895—'98; Prof. Geology and Min. Eng., 1898—; Spec. Assistant Ia. Geol. Survey, 1892—; Assistant Geologist, U. S. G. S., 1901—.

Blackmar, Frank Wilson, Lawrence, Kansas.
b. Nov. 3, 1854. Ph. B. and A. M. (Univ. of the Pacific); Ph. D., '89 (J. H. U.); Prof. Math. Univ. Pacific, 1882—'86; Prof. Hist. Sociology. Univ. Kansas, 1889—1900; Prof. Sociology and Economics, 1900—; Dean of Graduate School, 1896—.

Bolling, George Melville, Catholic University of America, Wash., D. C.
b. April 13, 1871. A. B., '91 (Loy. College); Ph. D., '96.
Associate Professor of Greek Language and Literature, and Assistant Professor of Comparative Philology and Sanskrit in Catholic University of America.

Callaway, Morgan, Jr., 1104 Guadalupe St., Austin, Texas.
b. Nov. 3, 1862. A. B., '81, and A. M., '84 (Emory College); Ph. D., '89 (J. H. U.)
Adjunct Prof. of English, Emory College, 1881—'83; Prof. of English, Southwestern University, Texas, 1884—'89; Adjunct Prof., Associate Professor and Professor of English, Univ. of Texas, 1890—.

Carroll, Alexander Mitchell, The Columbian University, Washington, D. C.
b. June 2, 1870. M. A., '88 (Rich. College); Ph. D., '93 (J. H. U.)
Professor of Greek, Richmond College, 1895—'97; Reader in Classical Archaelogy, Johns Hopkins University, 1898—'99; Head Professor of Classical Philology, Columbian University, 1900—.

Caspari, Charles Edward, St. Louis College of Pharmacy, St. Louis, Mo.
b. April 9, 1875. A. B., '96; Ph. D., '00.
Asst. in Organic Chem. at Columbian Univ., 1900—'01; Research Chemist for Mallinckroot Chem. Works, 1901—03; Prof. Chemistry in St. Louis College of Pharmacy, 1903—.

Conklin, Edwin Grant, University of Pennsylvania, Philadelphia, Pa.
b. Nov. 24, 1863. B. S., '85; A. B., '86; A. M., '89 (O. W. Univ.); Ph. D., '91 (J. H. U.)
Prof. of Biology, Ohio Wesleyan University, 1891—'94; Prof. of Zoology, Northwestern University, 1894—'96; Prof. of Zoology, University of Pennsylvania, 1896—.

Crew, Henry, 620 Hamlin St., Evanston, Ills.
b. June 4, 1859. A. B., '82 (Prin.); Ph. D., '87 (J. H. U.).
Assistant in Physics, Johns Hopkins; Instructor in Physics, Haverford College; Astronomer, Lick Observatory; Prof. of Physics, Northwestern Univ.

Davis, Ellery William, University of Nebraska, Lincoln, Neb.
b. March 29, 1857. B. S., '79 (Univ. of Wis.); Ph. D., '84 (J. H. U.).
Prof. of Mathematics in Fla. Ag. College, 1884—'88; South Carolina College, 1888—'93, and University of Nebraska, 1893—; Dean of College of Literature, Science and the Arts in the Univ. of Nebraska, 1901—.

Duncan, Louis, Mass. Inst. of Technology, Boston, Mass.
b. March 25, 1862. U. S. Naval Academy; Ph. D., '85 (J. H. U.).
Associate and Associate Prof., Johns Hopkins Univ., 1886—'99; Prof. and Head of Dept. Elec. Engr., Mass Inst. of Technology, 1902—; Consulting Engineer.

Durfee, William Pitt, 639 Main St., Geneva, N. Y.
b. Feb. 5, 1855. A. B., '76 (Univ. of Mich.); Ph. D., '83 (J. H. U).
Prof. of Mathematics, Hobart College, 1894—; Dean, Hobart College, 1888—.

Elliott, A. Marshall, Johns Hopkins University, Balto.
b. Jan. 24, 1846. A. B., '66, and A. M., '78 (Haver. College); A. B., '68 (Harvard); Ph. D., '77; (Hon.) (Prin.); LL. D., '91 (Wake Forest College).
Prof. of Romance Languages, J. H. U.

Fay, Edward Allen, 3 Kendall Green, Washington, D. C.
b. Nov. 22, 1843. A. B. and M. A. (Univ. of Mich.); Ph. D. (J. H. U.)
Instructor, New York Inst. for Deaf Mutes, 1862—'65; Prof. Lang., Gallaudet College, 1866—; Vice Pres., Gallaudet College, 1885—; Editor American Annals of the Deaf, 1870—.

Fay, Edwin Whitfield, University of Texas, Austin, Texas.
b. Jan. 1, 1865. A. M., '83 (S. W. Presb. Univ.): Ph. D., '90 (J. H. U.).
Prof. of Latin, Washington and Lee Univ., Lexington, Va., 1893—'99; and same position at University of Texas, 1899—.

Fields, John Charles, University of Toronto, Toronto, Canada.
b. May 14, 1863. A. B., '84 (Univ. of Tor.); Ph. D., '87 (J. H. U.).
Prof. of Mathematics, Allegheny College, 1889—'92; Special Lecturer in Mathematics, Univ. of Toronto, 1902—.

Franklin, Fabian, 220 W. Monument St., Balto., Md.
b. Jan. 18, 1853. Ph. B., '69 (Columbian Univ.); Ph. D., '80.
Civil Engineer, 1870—77; Associate, Asst. Prof. and Prof. of Mathematics, J. H. U., 1879—1895; Editor, Balto. News, 1895—.

Gildersleeve, Basil Lannean, Johns Hopkins University, Balto.
b. Oct. 23, 1831. A. B., '49, and A. M., '52 (Prin.); Ph. D. '53 (Univ. of Gottingen); LL. D., '69 (College of William and Mary); LL. D., '86 (Harvard); D. C. L., '84 (Univ. of the South).
Prof. of Greek, University of Virginia, 1856—'76; Prof. of Latin, Univ. of Va., 1861—'66; Prof. of Greek, J. H. U.

Gould, Elgin Ralston Lovell, 281 Fourth Ave., New York City.
b. Aug. 15, 1860. A. B., '81 (Vict. Univ.); Ph. D., '86 (J. H. U.).
Lecturer, Johns Hopkins Univ., 1887—'96; Prof. Univ. of Chicago, 1895; Chamberlin, City of New York, 1902—'03; President, City and Suburban Homes Company, 1896—.

Halsted, George Bruce, Gambier, Ohio.
b. Nov. 25, 1853. A. B. and A. M. (Prin.); Ph. D. '79 (J. H. U.).
Instructor in Post-Graduate Mathematics, Princeton; Prof. of Mathematics, Univ. of Texas; Prof. of Mathematics, Kenyon College.

Haupt, Paul Hugo Hermann, 2511 Madison Ave., Balto., Md.
b. Nov. 25, 1858. Gymnasium Augustum, Gorlitz, Germany, '76; Ph. D., '78 (Univ. of Leipzig); LL. D., '02 (Univ. of Glasgow).
Privat-docent, Univ. of Gottingen, 1880—'83; Prof. of Assyriology, Univ. of Gottingen, 1883—'89; Prof. of the Semitic Languages and Director of the Oriental Seminary, J. H. U., 1883—.

Hulburt, Lorrain Sherman, Johns Hopkins University, Balto.
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Fellow Am. School of Classical Studies, Rome, Italy, 1896—'97; Lecturer in Latin Literature, Bryn Mawr College, 1897—'99; Assistant Prof. of Latin, Univ. of Chicago, 1899—.

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Assistant Engineer, Seaboard Air Line, 1896—'98; Prof. Physics and Civil Engineering, Maryland Agricultural College, College Park, Md., 1898—.

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Shaw Lecturer, J. H. U., 1898—'99; Prof. of History and Economics in Randolph-Macon Woman's College, 1898—1902; Prof. of History in Washington and Lee University, 1902—.

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Instructor in Biology, St. Lawrence Univ., 1886—'87; Instructor and Associate in Physiology and Histology, Bryn Mawr College, 1887—'91; Demonstrator, Adjunct Prof. and Prof. of Physiology, Columbia Univ., 1891—.

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Assistant in Physics, J. H. U., 1891—'95; Prof. of Physics, Columbian Scientific School, 1891—'95; Instructor, Asst. Prof., Assoc. Prof. of Physics, California, 1895—.

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Instructor, Assoc. Prof. and Prof. of Mathematics, The Woman's College of Baltimore, 1895—.

Marquand, Allan, Princeton, N. J.
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Prof. of Archaeology, Princeton Univ.

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Prof. of French, Bowdoin College, 1889—'90; Prof. of Romance Languages, Indiana Univ., 1890—'91; Associate in Romance Lang., J. H. U., 1891—'93; Prof. of Rom. Lang., Leland Stanford Jr. Univ., 1893—.

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Instructor in Greek, Brown Univ., 1892—'95; Fellow by Courtesy, J. H. U., 1895—'96; Classical Master, Monson Acad., 1896—'97; Prof. of Greek, Kenyon College, 1897—.

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President, Hillman College, 1896—'97; Prof. of History, University of Miss., 1897—.

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Prof. of Economics, Indiana Univ., 1891—'92; Assoc. Prof. of Pol. Economy, Cornell Univ., 1892—'93; Prof. of Economic Theory and Finance, Leland Stanford, Jr., 1893—'97; Prof. of Sociology, Leland Stanford, Jr., 1897—1900; Prof. of Sociology, Univ. of Nebraska, 1901—; Univ. Lecturer in Sociology, Univ. of Chicago, 1896; Univ. Lecturer in Sociology, Harvard, 1902.

Rowland, Henry A. Died.
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Fellow Univ. of Wis., 1888—'90; Fellow Univ. of Chicago, 1892—'93; Asst. Prof. and Prof. of Bacteriology Univ. of Wis., 1893—; Bacteriologist to Wis. Agr'l Expt. Station, 1893—; Director, Wis. State Hygienic Laboratory, 1903—.

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Instructor in Chemistry, University of Wisconsin; Prof. of Chemistry, Hamilton College.

Sherwood, Sidney, Died Aug. 5, 1901.
A. B., '79 (Prin. Univ.); Ph. D ,'91 (J. H. U.).
Instructor in Finance, Univ. of Penn., 1891—'92; Assoc. Prof. of Pol. Economy, J. H. U.

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Asst. in Mathematics in Randolph-Macon; Principal of the Middleburg Classical School, Middleburg, Va.; Prof. of English Language and Literature, Southern Female College, Petersburg, Va.; Master of English in the Boys' Latin School of Baltimore; Editor, of the Baltimore American.

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Assistant in History, Smith College, 1899—1901; Instructor in History, Smith College, 1901—1904; Professor of History and Economics, the University of the South, 1904—.

Slaughter, Moses Stephens, 633 Francis St., Madison, Wis.
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Instructor in Latin, Bryn Mawr, 1887; Professorship at Hackett's Town Institute, New Jersey, 1888; Chair of Latin, Iowa College, 1889—'96; Chair of Latin, Univ. of Wisconsin, 1896—.

Smith, Charles Alphonso, Chapel Hill, N. C.
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Prof. of English in the Louisiana State University, 1893—1902; Prof. of the English Language in the University of North Carolina, 1902—; Dean of Graduate Department, University of North Carolina, 1903—.

Stokes, Henry Newlin, Bureau of Standards, Washington, D. C.
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Asst. Chemist, U. S. Geological Survey, 1889—'92; Asst. Prof. Inorganic Chem., Univ. of Chicago, 1892—'94; Asst. Chemist and Chemist, U. S. Geological Survey, 1894—1903; Asst. Chemist, Bureau of Standards, 1903—.

Stratton, Alfred William, Died Aug. 23, 1902.
A. B., '87 (Tor. Univ.); Ph. D., '95 (J. H. U.).
Asst. and Assoc. in Sanskrit, Univ. of Chicago, 1895—1899; Prof. of Sanskrit, Oriental College, Lahon, India, 1899—1902.

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Prof. of English, Wells College, N. Y., 1893—'94; Prof. of Rhetoric and English Literature, Univ. of Vermont, 1894—.

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Prof. English and History, Western Univ., 1897—1900; Associate in English, Bryn Mawr, 1900—1902; Instructor in English, Harvard College, 1902—.

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Prof. of Modern Lang., Iowa College; Assoc. Prof. of Romance Lang., Univ. of Nebraska; Prof. of Romance Lang., Oberlin College.

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Classical Master, Ridgetown Collegiate Institute (Canada), 1888—'90; Instructor in Greek, Queen's Univ. 1890—'91; Principal, Newburgh High School (Canada), 1891—'93; Fellow in Latin, Instructor, Associate and Associate Professor in Latin in J. H. U., 1895—.

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Tutor in Greek and Latin, Haverford College, 1869—'70; Teacher of German and English Literature in Friends' School, Providence, R. I., 1879—'81; Associate, Associate Professor and Professor of German, Johns Hopkins Univ., 1881—.

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Prof. of American History and Politics, Indiana University, 1890—; Lecturer on American History, University of Wisconsin; First Semester, 1903—'04; Professor in Charge of Historical Teaching, University of Michigan Summer School, 1901—'02—'03.

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Asst. Editor for Revision of Dictionary, with J. B. Lippincott Co., Phila., 1899—1900; Instructor in English, University of Texas, 1900—1902; Professor of History, Newcomb College, Tulane University. 1902—.

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Acting Professor, American History and Constitutional Law, Hamilton College, 1897—'98; Lecturer in History, Johns Hopkins, 1898—1901: Prof. of History and Political Science, West Virginia Univ., 1902—.

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Special Envoy of the Ministry of Public Instruction (Russia) to Italian Universities, 1889—'90; Lecturer, Harvard University, 1893; Lecturer, Johns Hopkins University, 1894; Lecturer Lowell Inst., Boston, 1894; Associate Prof. of Math. and Astron., Johns Hopkins Univ., 1895—'99; Lecturer, Chatauqua, N. Y., 1900; Lecturer, Columbia Univ. and Cooper Union, New York, 1900; In Charge of the Dept. of Math. and Astron., Washington Univ., St. Louis, 1901—.

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Fellow in Classics, University College, Toronto, 1883—'84; Lecturer in Greek and Ancient History, University College, Toronto, 1887—'93; Associate Prof. of Greek and Latin, Leland Stanford, Jr., 1893—'96; Prof. of Classical Literature, 1896—1902; Prof. of Latin, 1902—.

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Prof. of Chemistry, Ohio Univ., '97—'99; Asst. Prof. of Chemistry, Ohio State Univ., '99—'01; Associate Prof. of Chemistry, 01—.

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Sutphen, Morris Crater, Died Aug. 31, 1901.
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Biologist, W. S. F. C., 1899—'00; Bruce Fellow, J. H. U., 1900—'01; Asst. in Zool., J. H. U., 1901—'02; Assoc. in Zool., J. H. U., 1902—; Director W. S. F. C. Lab. at Beaufort, N. C., 1901—

Hugernin, Julian, Died Feb. 19, 1901.
A. B., '95 (Charleston College); Ph. D., '00 (J. H. U.).
Acting Prof. of English, Univ.o f La., 1900—1901.

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Instructor in Modern Langs., Wabash College, 1888—'90; Teacher of Latin and Geometry, Hughes High School, Cincinnati, 1890—'94; Assistant in Romance Langs., Johns Hopkins, 1897—'98; Professor of Romance Langs., Indiana University, 1898—.

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Prof. of Geology and Biology, Western College, Iowa, 1894—'96; Prof. of Geology and Biology, Western College, Iowa, 1894—1896; Acting Prof. of Geology, Univ. of Missouri, 1899—'00; Asst. State Geologist, Iowa Geol. Survey, Des Moines, Iowa, 1900—'03; Prof. of Geology and Mineralogy and State Geologist, Univ. of N. Dakota, 1903—.

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b. July 10, 1876. A. B., '98 (J. H. U.); A. M. (Lafayette College.)
Instructor in Physics and Mathematics, Lafayette College, 1900—'02; Examiner in Electrochemistry, U. S. Patent Office, 1902—; Instructor in Applied Physics, Columbian University, 1904—.

McLane, Robert M. Died May 30, 1904.
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Lawyer; State's Attorney, 1900—1903; Mayor of Baltimore, 1903—1904.

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Professor of the Institute of Medicine, McGill University; Professor of Clinical Medicine, University of Pennsylvania; Professor of Medicine, Johns Hopkins University.

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Prof. of Chem. and Phys., College of Charleston, Charleston, S. C., 1898—1901; Prof. of Chem., Baylor Univ., Waco, Texas, 1901—.

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A. B., '98 (J. H. U.).
Teacher, Roxbury Latin School, Boston, 1901; Chinese Customs Service, Tientsin, 1902; Prof. of Hist. and Politics, Imperial Univ., Tientsin, 1903—.

Saffold, William Berney, .. University of Alabama, University P. O., Ala.
b. July 11, 1867. A. B., '87, and A. M., '89 (Univ. of Ala.); Ph. D., '98 (J. H. U.).
Teacher in Secondary Schools in Ala. and Ark., 1887—'94; Prof. Latin and Greek, Univ. of Ala., 1897—.

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Instructor in Haverford College, 1899—1901; Instructor and Associate Professor in Syracuse Univ., 1901—.

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Lawyer (Harmar, Knapp Ulman & Paper).

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Physician; Prof. of Obstetrics, J. H. U.; Obstetrician-in-Chief, Johns Hopkins Hospital; Gynecologist, Union Protestant Infirmary, Balto.

1899.

Adams, Thomas Sewall, University of Wisconsin, Madison, Wis.
b. Dec. 29, 1874. A. B., '96; Ph. D., '99.
Clerk, Census Office, 1899—1900; Asst. to the Treasurer of Porto Rico, 1900—1901; Asst. Professor of Economics, University of Wisconsin, 1901—1904.

Chamberlain, Joseph Scudder, U. S. Dept. Agriculture, Washington, D. C.
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Assistant and Instructor in Chemistry, Iowa State College, 1890—'97; Instructor in Chemistry, Oberlin College, 1899—Jan., 1901; Research Assistant, Johns Hopkins University, Jan.—June, 1901; Physiological Chemist, Bureau Plant Industry, U. S. Dept. Agriculture, 1901—.

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Modern Language Master, Hudson River Military Acad., Nyack, N. Y., 1900—'02; Cheltenham Academy, Ogontz, Pa., 1902—.

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b. Sept. 9, 1876. B. S., '96 (N. C. College of Agr. and Mech. Arts); Ph. D., '99 (J. H. U.).
Assistant Prof. of Chemistry, North Carolina College of A. and M. Arts, and Assistant Chemist, N. C. Exp. Station, 1890—1903; Assistant Chemist, Texas Experiment Station, 1903—.

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Student; Assistant in English, 1900—1903, J. H. U.; Instructor in English, 1904—, J. H. U.

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Adjunct and Full Prof. of Biol. and Geol., S. C. College, 1899—1900; Adjunct Prof. Geol. in Vanderbilt Univ., 1900—1903; Full Prof., 1903; Also Asst. Geologist on Md., N. C., and U. S. Geological Surveys.

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Instructor in English, State University of Iowa, 1899—1900; Professor of English, Wells College, 1900—1903.

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William S. Rayner Fellow, Johns Hopkins Univ., 1899—1901; Acting Professor in Modern Languages, Ursinus College, 1901—1902; Professor of Modern Languages, Ursinus College, 1902.

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Jan. 13, 1870. A. B., '89, and Ph. D., '94 (J. H. U); M. D., '99 (Univ. of Bonn).
Lecturer in Morphology, Bryn Mawr College, 1894—'95; Instructor, Associate and Associate Professor of Anatomy, Johns Hopkins University, 1896—; Secretary of the American Society of Naturalists, 1901—'03; Managing Editor, the Journal of Experimental Zoology.

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Instructor and Associate in Semitic; Associate Professor of Oriental History and Archaeology in J. H. U.

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Principal, Bel Air Academy, Bel Air, Md.; Assoc. Prof. of Latin, Washing and Lee University.

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Asst. Prof. of Chem., 1893—'95, and Prof. of Physics and Physical Chem., 1897—'98, in Univ. of Utah; Prof. of Physics and Elect. Eng. and Director of Utah State School of Mines (Eng. Dept. Univ. of Utah) 1898—.

Ness, Jens A., Johns Hopkins University, Baltimore.
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Tutor.

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Reporter, Baltimore Sun, 1899—1900; Railroad Editor, Pittsburg Gazette, 1900—1903; Industrial Editor, Pittsburg Gazette, 1903—.

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Wilson, Richard Henry, Univ. of Va., Charlottesville, Va.
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Instructor, J. H. U.; Prof. of Romance Languages, Univ. of Va.

1900.

Armstrong, Edward Cooke, Johns Hopkins University.
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Instructor in Southwestern University, 1891—'93; Instructor, Associate, Associate Professor, J. H. Univ., 1897—.

Barnett, George Ernest, Johns Hopkins University.
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Principal of the Mocksville (N. C.) Academy, 1891—'97; Assistant, Instructor and Associate in Political Economy, J. H. U., 1901—.

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Instructor in Chemistry, Rose Polytechnic Institute, 1900—1901; Professor of Chemistry, De Pauw University, 1901—.

Brooks, Charles Edward, Lake Roland, Baltimore, Md.
Aug. 26, 1879. A. B., '00; Ph. D., '04.

Burrell, James Luther Albert,
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Duerden, James Edwin, University of Michigan, Ann Arbor, Mich.
b. April 7, 1869. Ass. of the Royal College of Science, London; Ph. D. (J. H. U.)
Curator of Museum, Institute of Jamaica, B. W. I.; Bruce Fellow, J. H. U.; Acting Professor of Biology, Univ. of North Carolina; Acting Assistant Professor of Zoology, University of Michigan; Honorary Curator of Coelenterates, American Museum of Natural History, New York.

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Instructor in Mathematics, Princeton University.

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Chair of Latin, Mercer University, Georgia, 1900—'01; Chair of Latin, Richmond College, Va., 1901—; Chair of Latin (Summer Term), University of Mo., 1902; Chair of Latin (Summer School), Univ. of N. C., 1903.

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Instructor in German in Sheffield Scientific School of Yale University.

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Inst. in Biology, College for Women, Western Reserve. Univ., 1900—'02; Prof. of Biology, Missouri Valley College, 1902—.

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Instructor in English, The University of Iowa, 1900—.

Herrick, Joseph Cawdell, St. Joseph's Seminary, Yonkers, N. Y.
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Instructor in Science, St. Joseph's Seminary, Yonkers, N. Y.

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Chemist, Detroit Copper Mining Co., Morenci, Arizona; Assistant and Chief Assayer, Balto. Copper Sm. and Rolling Co., 1901—.

Milden, Alfred William, Emory, Va.
b. March 11, 1868. A. B. (Univ. of Tor.); Ph. D., '99 (J. H. U.).
Professor of Latin and Greek, Emory and Henry College, 1900—.

Myers, William Starr, Country School for Boys, Charles St., Baltimore.
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Master of History, Country School for Boys, 1900—.

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Professor of Analytical Chemistry, Brooklyn Polytechnic Institute.

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Student.

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Instructor and Associate in Italian, Johns Hopkins University, 1900—.

Weaver, Charles Clinton, Lenoir, N. C.
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Pres. Rutherford College, N. C., 1900—1903; Pres. Davenport College, 1903—.

1901.

Archibald, Herbert Thompson, Occidental College, Los Angeles, Cal.
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Teacher of Greek, Latin and English, Colchester Academy, Truro, N. S., 1897—'98; Professor of Greek, Occidental College, Los Angeles. Cal., 1901—.

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Draughtsman American Bridge Co.; Draughtsman Engineering Dept. P. R. R., 1903—.

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Baltimore Morning Herald, 1898—'02; Interviewer for "Success;" Teacher and Correspondent in Mexico, 1902—'04; Asst. Manager "Hat-goods."

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Substitute in English, Univ. of Vermont, 1901—1902; College of City of New York, 1903; Teacher of English in Mrs. Lefebre's School, Baltimore.

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Instructor and Asst. Prof. of Chemistry, Tulane Univ.

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Inst. in Mathematics, Univ. of Missouri, 1902—1903; Carnegie Research Assistant.

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Associate Prof. of Botany, Univ. of N. C.

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Classical Master, Marston's University School (Balto.), 1901—'02; Prof. of Latin, Baylor, Univ., 1902—.

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Insurance.

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Instructor in Latin and German, St. John's College, '98—'99; Instructor in Latin, Friends School, Baltimore.

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Tutor in Physiology, Columbia University, 1896—'98; Associate Professor of Pharmacology, Johns Hopkins Medical School, 1898—1903; Chief of Division of Pharmacology, U. S. Public Health and Marine Hospital Service.

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Struth, Otto Albert, Died Sept. 1, 1902.
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1902.

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Demonstrator in Chemistry, McGill, 1900—'01; Chemist Research Lab. Repaum Chemical Co.; Chemist, Research Lab. General Electric Co.

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Johns Hopkins Medical School, 1902-'04; Harvard Summer School, 1903; Lecturer in Jewish Law and Literature to Balto. Talmud Torah Association, 1903-'04.

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Student.

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Elect. Engr. Westinghouse Elect. & Mfg. Co., 1893—'96; Elect. Engr. Niagara Falls Power Co., '96—'97; Associate and Ass. Prof. in App. Electy., J. H. U., 1898—; Research Assistant Carnegie Inst., 1903—.

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